Title (en)

Method and apparatus for area-efficient graphical user interface

Title (de)

Verfahren und Vorrichtung für bereichswirksame grafische Benutzeroberfläche

Title (fr)

Procédé et appareil pour interface utilisateur graphique utilisant la surface de façon efficace

Publication

EP 2487575 B1 20200624 (EN)

Application

EP 12152590 A 20120126

Priority

US 201161441335 P 20110210

Abstract (en)

[origin: EP2487575A2] The GUI screen image (50a) is a standard screen image, and displays a first combined GUI area (52), which is a combination of a GUI of the directional keys and a GUI of a joystick, and a second combined GUI area (56), which is a combination of a GUI of the four-type operation buttons and a GUI of a joystick, at the lower left and at the lower right on the screen image, respectively. Depending on an area in the first combined GUI area (52) or in the second combined GUI area (56) to which a user newly touches, which of the combined GUI to be used is determined and a screen image is switched (GUI screen image (50b, 50c, 50d, and 50e)), and if a finger or a thumb detaches, the screen image switches back (GUI screen image (50a)).

IPC 8 full level

G06F 3/048 (2013.01); **G06F 3/0488** (2013.01)

CPC (source: EP US)

G06F 3/04886 (2013.01 - EP US); A63F 2300/1075 (2013.01 - EP US); G06F 3/04883 (2013.01 - US); G06F 8/34 (2013.01 - US); G06F 2203/04804 (2013.01 - EP US)

Citation (examination)

- US 7791594 B2 20100907 - DUNKO GREGORY A [US]
- US 2010293457 A1 20101118 - PETERSON BRIAN CRAIG [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2487575 A2 20120815; **EP 2487575 A3 20151209**; **EP 2487575 B1 20200624**; BR 102012002995 A2 20130730; BR 102012002995 B1 20200915; CN 103150102 A 20130612; JP 2012168931 A 20120906; JP 5379250 B2 20131225; MX 2012001547 A 20120830; RU 2012104742 A 20130820; RU 2519059 C2 20140610; US 2013031515 A1 20130131; US 9122394 B2 20150901

DOCDB simple family (application)

EP 12152590 A 20120126; BR 102012002995 A 20120209; CN 201210029184 A 20120210; JP 2012007420 A 20120117; MX 2012001547 A 20120203; RU 2012104742 A 20120210; US 201213353801 A 20120119